

## Claims

- Claim 1: Amorphous silica particles, wherein the maximum value of  $\Delta V_p/\Delta R_p$  (where  $V_p$  is the pore volume [ $\text{mm}^3/\text{g}$ ] and  $R_p$  is the pore radius [nm]) is 20  $\text{mm}^3/\text{nm}\cdot\text{g}^{-1}$  or more in the pore distribution curve obtained by a benzene adsorption isotherm, and the pore peak radius when the  $\Delta V_p/\Delta R_p$  value is maximum is from 20 nm or more to 100 nm or less.
- 10 Claim 2: Amorphous silica particles according to Claim 1, wherein the maximum value of  $\Delta V_p/\Delta R_p$  (where  $V_p$  is the pore volume [ $\text{mm}^3/\text{g}$ ] and  $R_p$  is the pore radius [nm]) is 30  $\text{mm}^3/\text{nm}\cdot\text{g}^{-1}$  or more in the pore distribution curve obtained by a benzene adsorption isotherm, and the pore peak radius when the  $\Delta V_p/\Delta R_p$  value is maximum is from 30 nm or more to 90 nm or less.
- 15 Claim 3: Amorphous silica particles according to Claim 1 or 2, wherein the oil absorption measured by JISK6217-4 (a carbon black for rubber – basic characteristics) is more than 260 ml/100g.
- 20 Claim 4: Amorphous silica particles according to Claims 3, wherein the oil absorption measured by JISK6217-4 (a carbon black for rubber – basic characteristics) is more than 280 ml/100g.
- 25 Claim 5: Amorphous silica particles according to Claim 4, wherein the oil absorption measured by JISK6217-4 (a carbon black for rubber – basic characteristics) is more than 300 ml/100g.
- 30 Claim 6: Amorphous silica particles according to Claim 5, wherein the oil absorption measured by JISK6217-4 (a carbon black for rubber – basic characteristics) is more than 320 ml/100g.

Claim 7: Amorphous silica particles according to any one of Claims 1 to 6,  
wherein the OI1 is 9.5 or less.

5 Claim 8: Amorphous silica particles according to any one of Claims 1 to 7,  
wherein the OI2 is 1.2 or less.

10 Claim 9: Use of silica particles according to any one of Claims 1 to 8 as  
matting agent, adsorbent (carrier) for pharmaceuticals and/or  
agrochemicals, extender or filler of various rubbers.

Claim 10: An adsorbent for pharmaceuticals, agrochemicals, comprising the  
amorphous silica particles according to any one of Claim 1 to 8.

15 Claim 11: A matting agent, comprising the amorphous silica particles  
according to any one of Claim 1 to 8.